Signature

## UTILITY

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Attorney Docket No. First Inventor		TI-36667					
		Lothar Schmidt	ે છ				
Title	TPANSIMPENA	NCE AMPLIESED WITH AD HISTAR	LE CHITPUT				

Date

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PATENT APPLICATION TRANSMITTAL AMPLITUDE AND WIDE INPUT DYNAMIC-RANGE (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV 333320836 US **APPLICATION ELEMENTS** ADDRESS TO: Assistant Commissioner for Patents **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or X 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 2 8. See 37 CFR 1.27, (if applicable, all necessary) Specification Total Pages 18 X 3. Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the Invention b. Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix ii. paper - Background of the Invention - Brief Summary of the Invention Statements verifying identity of above copies C. - Brief Description of the Drawings (if filed) - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. Assignment Papers (cover sheet & documents(s)) 37 CFR 3.73(b) Statement Power of X Drawing(s) (35 U.S.C. 113) 4 **Total Sheets** 10. (when there is an assignee) Attorney 3 Oath or Declaration Total Pages English Translation Document (if applicable) 11. Information Disclosure Copies of IDS 12. Newly Executed (original or copy) a. Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) h 13. Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) Χ i. 14. **DELETION OF INVENTOR(S)** (Should be specifically itemized) Signed statement attached deleting inventor(s) Certified Copy of Priority Document(s) 15. named in the prior application, see 37 CFR (if foreign priority is claimed) 1.63(d)(2) and 1.33(b). Request and Certification under 35 U.S.C. 122 16. Unexecuted Declaration C. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 6. Other: 17. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below (Insert Customer No. or Attach bar code label here) NAME **Texas Instruments Incorporated ADDRESS Patent Activity** CITY STATE ZIP CODE COUNTRY TELEPHONE (972)917-5452 FAX (972) 917-4418 Name (Print/Type) Bret J. Petersen Registration No. (Attorney/Agent) 37,417



FEE TRANSMITTAL					Complete If Known							
					Application Number			TBD				
for FY 2003					Filing Date			09/08/2003				
Patent fees are subject to annual revision.					First Named Inventor			Lothar Schmidt				
Express Mailing Label No.:					Examiner Name			Not Assigned				
					Group Art Unit			TBD TI-36667			<u>.                                    </u>	
TOTAL AMOUNT OF PAYMENT (\$) 840.00					Attorne	y Doci	ket No.	11-30007				
METHOD OF PAYMENT				<b> </b>		FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:				3.	ADDIT	IONAL	. FEES					
					Large Entity		Small Entity					
	Deposit Account Number			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fe	e Descripti	ion	Fee Paid	
Deposit Account Name  Texas Instruments Incorporated				1051	130	205	65	Surcharge - I	late filing fee o	of oath		7
				1052	50	227	25	Surcharge - I or cover shee	late provisiona et	al filing fee		
				1053	130	139	130	Non-English	specification			
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17				1812	2,520	147	2,520	For filing a re reexaminatio	equest for <i>ex p</i> en	parte		
Applicant claims small entity status. See 37 CFR 1.27				1804	920*	112	920*	Requesting p	oublication of t	SIR prior to		1
2. Payment Enclosed:				1805	1,840*	113	1,840*		oublication of	SIR after		1
	heck		oney Other	1251	110	215	55	Extension for	r reply within f	irst month	ļ	1
				1252	400	216	195	Extension for month	r reply within s	second		1
FEE CALCULATION				1253	920	217	445		r reply within t	hird month		1
1. BASIC FILING FEE				1254	1,440	218	695		r reply within f	ourth		1
Large Entity Small Entity			1255	1,960	228	945	month Extension for	r reply within f	ifth month	<b></b>	1	
Fee Fee Fee Code (\$) Code	Fee (\$)	Fee Description	Fee Paid	1401	320	219	155	Notice of App	peal		<del></del>	1
1001 740 201	35	5 Utility filing fee	\$770	1402	320	220	155	Filing a brief	in support of a	an appeal	·	†
1002 330 206	16	Design filing fee		1403	280	221	135	Request for o	oral hearing			1
1003 510 207	24	5 Plant filing fee		1451	1,510	138	1,510	Petition to ins proceeding	stitute a public	use		1
1004 740 208		•		1452	110	240	55		vive - unavoid	lable		]
1005 160 214	7	•		1453	1,280	241	620		vive - unintent			]
		SUBTOTAL (1)	(\$)	1501	1,330	242	620		ee (or reissue	)		
2. EXTRA CLAIM FEES Fee from			1502 1503	460 620	243 244	220 300	Design issue Plant issue fe				1	
	ra Clai	ms below	Fee Paid	1460	130	122	130		ne Commissio			1
Total Claims	25	-20**= 5 x 1	8 = 90									1
Claims	2	-3" = X X E	6 =	1807	50	123	130	Fee under 37				1
Multiple Dependent 270 =				1806	180	126	180	Stmt	of information			
			8021	40	581	40		ach patent ass (times no. of p		L		
Large Entity Sma Fee Fee Fee Code (\$) Cod	Fee			1809	740	246	355		nission after fit CFR §1.129(a			]
1202 18 203				1810	740	249	355		litional inventi 7 CFR §1.129			}
1201 84 202 1203 280 204		Independent claims in excess of 3  Multiple dependent claim, if not paid			740	279	355	Request for 0	Continued Exa			1
1204 84 209	209 40 **Reissue independent claims over original patent			1802	900	169	900		expedited exa	mination of		1
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and over original patent SUBTOTAL (2) (\$)90.00					Other fee (specify)						L	j
**or number previo	ustv n	aid, if greater; For Reissue, s	*Redu	*Reduced by Basic Filing Fee Paid SUBTOT					(3) (\$	)	]	
SUBMITTED BY	<u> </u>					Com	plete (if appi	icable)				
Name (Print/Type) Bret J. Petersen				Registratio Attorney/		37,417	Telephone		2) 917-5339	)		
Signature		1/1					Date	9-8	-07			